

T. LARSON

#8 BP

11/29/00 1635

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/424,521

DATE: 11/16/2000  
TIME: 19:12:48

Input Set : A:\Isis3070.app  
Output Set: N:\CRF3\11162000\I424521.raw

ENTERED

RECEIVED

NOV 29 2000

TECH CENTER 1600/2900

3 <110> APPLICANT: Neilsen, Peter  
4 Knudsen, Helle  
6 <120> TITLE OF INVENTION: Conjugated Peptide Nucleic Acids Having Enhanced  
7 Cellular Uptake  
9 <130> FILE REFERENCE: ISIS3070  
11 <140> CURRENT APPLICATION NUMBER: 09/424,521  
12 <141> CURRENT FILING DATE: 2000-02-15  
14 <150> PRIOR APPLICATION NUMBER: US 08/864,765  
15 <151> PRIOR FILING DATE: 1997-05-28  
17 <150> PRIOR APPLICATION NUMBER: PCT/US98/10804  
18 <151> PRIOR FILING DATE: 1998-05-28  
20 <160> NUMBER OF SEQ ID NOS: 5  
22 <170> SOFTWARE: PatentIn Ver. 2.1  
24 <210> SEQ ID NO: 1  
25 <211> LENGTH: 14  
26 <212> TYPE: DNA  
27 <213> ORGANISM: Artificial Sequence  
29 <220> FEATURE:  
30 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence  
32 <400> SEQUENCE: 1  
33 tagcagagga gctc 14  
36 <210> SEQ ID NO: 2  
37 <211> LENGTH: 15  
38 <212> TYPE: DNA  
39 <213> ORGANISM: Artificial Sequence  
41 <220> FEATURE:  
42 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence  
44 <400> SEQUENCE: 2  
45 ggtgctcaact gcggc 15  
48 <210> SEQ ID NO: 3  
49 <211> LENGTH: 12  
50 <212> TYPE: DNA  
51 <213> ORGANISM: Artificial Sequence  
53 <220> FEATURE:  
54 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence  
56 <400> SEQUENCE: 3  
57 tttagcttca gc 12  
60 <210> SEQ ID NO: 4  
61 <211> LENGTH: 10  
62 <212> TYPE: DNA  
63 <213> ORGANISM: Artificial Sequence  
65 <220> FEATURE:  
66 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence  
68 <400> SEQUENCE: 4  
69 tttttttttt 10  
72 <210> SEQ ID NO: 5  
73 <211> LENGTH: 15

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/424,521

DATE: 11/16/2000  
TIME: 19:12:48

Input Set : A:\Isis3070.app  
Output Set: N:\CRF3\11162000\I424521.raw

74 <212> TYPE: DNA  
75 <213> ORGANISM: Artificial Sequence  
77 <220> FEATURE:  
78 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence  
80 <400> SEQUENCE: 5  
81 ggtgctcacg ctggc 15

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/424,521  
DATE: 11/16/2000  
TIME: 19:12:49  
Input Set : A:\Isis3070.app  
Output Set: N:\CRF3\11162000\I424521.raw

**RECEIVED**

**NOV 29 2000**

**TECH CENTER 1600/2000**